CLAIMS

1. A biochemical components analyzing device which is used together with a test strip, comprising:

a first socket into which a photometric test strip is inserted;

a second socket into which an electrochemical test strip is inserted;

means for analyzing the biochemical components with a photometric method when the biochemical components is applied in the photometric test strip;

means for analyzing the biochemical components with an electrochemical method when the biochemical components are applied in the electrochemical test strip;

means for displaying analysis results from the photometric analyzing means and the electrochemical analyzing means; and

a controller for driving the photometric analyzing means when the photometric test strip is inserted into the first socket, and driving the electrochemical analyzing means when the electrochemical test strip is inserted into the second socket.

2. The biochemical components analyzing device as set forth in Claim 1, wherein:

the photometric test strip has a recognition electrode indicating information about target material and analysis method by the position formed on the photometric test strip; and

the first socket includes plural terminals one of which is electrically connected with the recognition electrode, and determines analysis method and target material of the photometric test strip inserted into the first socket according to the position of the terminal that is electrically connected with the recognition electrode.

3. The biochemical components analyzing device as set forth in Claim 2, wherein:

the first socket determines whether the photometric test strip is inserted, according to electrical connection between the terminals for the recognition electrode of the first socket and the recognition electrode of the photometric test strip.

4. The biochemical components analyzing device as set forth in Claim 1, wherein:

the first socket has a built-in switch that determines whether the photometric test strip is inserted.

5. The biochemical components analyzing device as set forth in Claim 1, wherein:

the electrochemical test strip has a reference electrode, a working electrode, and a recognition electrode indicating information about target material and analysis method by the position formed on the electrochemical test strip; and

the second socket includes

a first terminal electrically connected with the working electrode,

a second terminal electrically connected with the reference electrode, and

a plurality of third terminal one of which is electrically connected with the recognition electrode, and determines analysis method and target material of the electrochemical test strip inserted into the second socket according to the position of the third terminal which is electrically connected with the recognition electrode.

6. A biochemical components analyzing device which is used together with a test strip, comprising:

a socket into which a photometric test strip or an electrochemical test strip is inserted selectively;

means for analyzing the biochemical components with a photometric method when the biochemical components are applied in the photometric test strip;

means for analyzing the biochemical components with an electrochemical method when the biochemical components are applied in the electrochemical test strip;

means for displaying analysis results from the photometric analyzing means and the electrochemical analyzing means; and

a controller for driving the photometric analyzing means when the photometric test strip is inserted into the socket, and driving the electrochemical analyzing means when the electrochemical test strip is inserted into the socket.

7. The biochemical components analyzing device as set forth in Claim 6, wherein:

the photometric test strip has a first recognition electrode indicating information about target material and analysis method by the position formed on the photometric test strip,

the electrochemical test strip has a reference electrode, a working electrode, and a second recognition electrode indicating information about target material and analysis method by the position formed on the electrochemical test strip, and

the socket includes

a first terminal electrically connected with the working electrode;

a second terminal electrically connected with the reference electrode; and

a plurality of third terminal one of which is electrically connected with the first recognition electrode or the second recognition electrode, and determines analysis method and target material of the test strip inserted into the socket according to the position of the third terminal which is electrically connected with the first recognition electrode or the second recognition electrode.

8. The biochemical components analyzing device as set forth in Claim 7, wherein:

the socket determines whether the test strip is inserted according to electrical connection between the third terminal of the socket and the recognition electrode of the test strip inserted into the socket.

9. The biochemical components analyzing device as set forth in Claim 7, wherein:

the socket has a built-in switch that determines whether the photometric test strip is inserted.

10. The biochemical components analyzing device as set forth in Claim 6, wherein:

the electrochemical test strip has a reference electrode, a working electrode, and a recognition electrode indicating information about target material and analysis method

by the position formed on the electrochemical test strip; and

the socket includes

a first terminal electrically connected with the working electrode,

a second terminal electrically connected with the reference electrode,

a plurality of third terminal one of which is electrically connected with the recognition electrode, and determines analysis method and target material of the test strip inserted into the socket according to the position of the third terminal which is electrically connected with the recognition electrode, and

a built-in switch that determines whether the test strip is inserted.